


Monthly Mineral Analyses

Date of Sample: February 11, 2025

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.66	1.20	0.28	0.42	0.33	0.13	0.14
Sodium	150	130	69	42	62	140	160
Iron	0.400	0.780	0.200	0.280	0.309	<0.006	<0.006
Manganese	0.029	0.018	0.210	0.004	0.051	0.0010	<0.001
Copper	0.0026	0.0028	0.0020	0.0020	<0.0022	0.0021	0.0022
Lead	0.00053	0.00052	<0.00037	<0.00037	0.0028	<0.00037	<0.00037
Bromide	1.00	0.75	0.35	0.18	0.29	0.51	0.56
Conductivity	1077	1091	714	542	804	1174	1261
Total Alkalinity	165.20	211.90	149.60	74.30	190.00	164.60	169.60
Calcium	81.20	163.40	121.80	74.30	67.50	128.70	133.70
Chloride	185.0	173.0	93.9	51.7	93.7	192.0	216.0
Fluoride	0.32	0.30	0.37	0.36	0.71	0.24	0.55
Total Hardness	188.0	260.0	200.0	184.0	267.0	256.0	272.0
pH	8.41	8.45	7.90	7.94	8.21	7.80	7.89
Silica, Dissolved	28	35	12	17	2	14	15
Sulfate	75.1	72.4	45.7	35.4	72.7	116.0	123.0
Turbidity	17.6	23.50	9.09	21.90	31.20	0.16	0.18
Dissolved Solids	684	734	500	386	391	724	758
Suspended Solids	21.0	26.4	9.5	21.4	34.8	<2.8	<2.5
Nitrate	0.15	0.19	1.72	1.98	4.89	1.18	1.08
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	0.2250	0.0400	0.0400
Ortho-Phosphate	<0.009	0.360	0.310	0.290	0.559	<0.009	<0.009
Atrazine	<0.21	<0.21	<0.21	<0.21	<0.26		
Total Arsenic	11	13	5	3	7		
Dissolved Arsenic	11	12	4	2	6		
Barium	0.14	0.21	0.11	0.11	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00049		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00013		

Results expressed in mg/L, except as follows: Conductivity—umhos/cm, pH—SU, Turbidity—NTU, Total Hardness/Total Alkalinity—mg/L as CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic—µg/L. LE-Lab Error

Reviewed by:  Title: Quality Assurance Officer Date: 02/31/2025